AMENDMENTS TO THE CLAIMS

Please amend claims 1, 8, and 12 as follows.

1. (Currently Amended) A method, the method comprising the steps of:

a database management system receiving a request to generate a materialized view that contains objects of an object class;

in response to receiving said request, said database management system creating said materialized view;

said database management system performing operations on said objects as instances of said object class;

wherein said object class defines attributes and one or more routines to invoke to operate on the state of the objects of said object class; ~~and~~

wherein attribute values of an object contained in said materialized view are derived from one or more base tables;

wherein the step of creating said materialized view includes creating a container table, separate from said one or more base tables, that includes corresponding columns that correspond to said attributes and that hold the attribute values of said attributes ~~.~~; and

storing said attribute values of said attributes in said container table.

2. (Original) The method of claim 1, wherein the step of creating said materialized view includes the step of creating an object materialized view, wherein said object materialized view is associated with an object class and contains instances of said object class that correspond to rows of said object materialized view.

3. (Original) The method of claim 1, wherein the step of creating said materialized view includes creating an object-relational view that includes at least one object column.

4. (Original) The method of claim 1, wherein the method further includes the step of receiving another request from a user requesting performance of said operations on said objects as instances of said object class.

5. (Previously Presented) The method of claim 1, wherein the step of said database management system performing operations includes performing an operation on said objects by invoking a routine defined by said object class.

6. (Original) The method of claim 1, further including the step of said database management system generating refresh code that refreshes said materialized view.

7. (Original) The method of claim 1, further including the step of generating refresh code that may be executed to fully refresh said materialized view.

8. (Currently Amended) The method of claim 1, further including the step of generating refresh code that refreshes said materialized view based on modifications to the one or more base tables ~~of said materialized view~~.

9. (Previously Presented) The method of claim 8, wherein the step of generating refresh code includes the step of generating refresh code that references said corresponding columns but not as said attributes of said object class.

10. (Original) The method of claim 1, wherein said materialized view includes an object column that has a plurality of nested tables that contain nested table objects.

11. (Previously Presented) The method of claim 10, wherein the step of creating said materialized view includes the

step of creating another table that holds attributes of nested table objects of said plurality of nested tables.

12. (Currently Amended) The method of claim 1, wherein:

~~said materialized view is associated with one or more base tables;~~

a base table of said one or more base tables includes a base column typed as an object reference; and

wherein the step of creating said materialized view includes creating a particular column of said container table that:

corresponds to said base column, and

is typed as an object reference.

13. (Original) The method of claim 12, wherein:

a first scope of said base column is a first set of tables; and

the particular column has a second scope that is different than said first scope.

14. (Original) The method of claim 13, wherein the second scope is another materialized view based on said first set of tables.

15. (Previously Presented) A computer-readable medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 1.

16. (Previously Presented) A computer-readable medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 2.

17. (Previously Presented) A computer-readable medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 3.

18. (Previously Presented) A computer-readable medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 4.

19. (Previously Presented) A computer-readable medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 5.

20. (Previously Presented) A computer-readable medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 6.

21. (Previously Presented) A computer-readable medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 7.

22. (Previously Presented) A computer-readable medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 8.

23. (Previously Presented) A computer-readable medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 9.

24. (Previously Presented) A computer-readable medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 10.

25. (Previously Presented) A computer-readable medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 11.

26. (Previously Presented) A computer-readable medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 12.

27. (Previously Presented) A computer-readable medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 13.

28. (Previously Presented) A computer-readable medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 14.